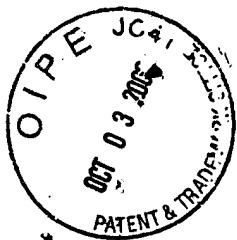


2621



PATENT  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(Case No. MBHB 01-099)

In the Application of:

Rudger Rubbert et al.

Serial No. 09/834,593

Filed: April 13, 2001

Title: Scanning System and Calibration  
Method for Capturing Precise  
Three-Dimensional Information of  
Objects

Confirmation No. 4535

Group Art Unit: 2621

Assistant Commissioner for Patents  
Washington DC 20231

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Technology Center 2600

TRANSMITTAL LETTER

Sir:

In regard to the above identified application:

1. We are transmitting herewith the attached:

1. Supplemental Information Disclosure Statement
2. Form PTO-1449
3. Cited References
4. Return Postcard

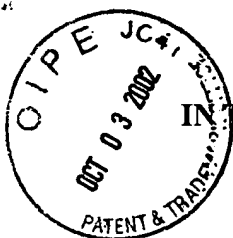
2. With respect to additional fees:

- A. ☒ No additional fee is required.
- B. ☐ Attached is a check in the amount of \$\_\_\_\_\_.
- C. Charge the total additional fee to our Deposit Account No. 13-2490.

3. Please charge any additional fees or credit overpayment to Deposit Account No. 13-2490. A duplicate copy of this sheet is enclosed.

4. **CERTIFICATE OF MAILING UNDER 37 CFR § 1.8:** The undersigned hereby certifies that this Transmittal Letter and the paper, as described in paragraph 1 hereinabove, are being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on this 26<sup>th</sup> day of September, 2002.

By Thomas A. Fairhall  
Thomas A. Fairhall  
Reg. No. 34,591



**PATENT**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**  
**(Case No. MBHB 01-099)**

#11  
10-15-02

**In the Application of:**

**Rudger Rubbert et al.**

**Serial No. 09/834,593**

**Filed: April 13, 2001**

**Title: Scanning System and Calibration  
Method for Capturing Precise  
Three-Dimensional Information of  
Objects**

**Confirmation No. 4535**

**Group Art Unit: 2621**

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**OCT 08 2002**

**Technology Center 2600**

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  
PURSUANT TO 37 C.F.R. §§ 1.97-1.98**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Pursuant to 37 C.F.R. §§ 1.97 - 1.98, the Applicants wish to make the following references of record in the above-identified application. A copy of each reference is enclosed. This Information Disclosure Statement is in compliance with the duty of candor as set forth in 37 C.F.R. § 1.56. These references are also listed on the enclosed PTO Form 1449. It is requested that the documents be given careful consideration and that they be cited of record in the prosecution history of the present application so that they will appear on the face of the patent issuing of the present application.

In the judgment of the undersigned, portions of the references may be material to the examination of the pending claims. However, the references have not been reviewed in sufficient detail to make any other representation and, in particular, no representation is intended as to the relative importance of any portion of the references. This Statement is not a representation that the cited references have effective dates early enough to be "prior art" within the meaning of 35 USC sections 102 or 103.

#### **CITED REFERENCES**

1. S.M. Yamany and A.A. Farag, "A System for Human Jaw Modeling Using Intra-Oral Images" in *Proc. IEEE Eng. Med. Biol. Soc. (EMBS) Conf.*, Vol. 20, Hong Kong, Oct. 1998, pp. 563-566.
2. S.M. Yamany, A.A. Farag, David Tasman, A.G. Farman, "A 3-D Reconstruction System for the Human Jaw Using a Sequence of Optical Images," *IEEE Transactions on Medical Imaging*, Vol. 19, No. 5, May 2000, pp. 538-547.

#### **CERTIFICATE PURSUANT TO 37 C.F.R. 1.97(e)(2)**

The undersigned certifies that no item of information contained in this Supplemental Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in this Supplemental Information

Disclosure Statement was known to any individual designated in §1.56(c) more than three months prior to the filing of this information disclosure statement.

Respectfully Submitted,

McDonnell Boehnen Hulbert & Berghoff

Date: 9/26/02

By: Thomas A. Fairhall  
Thomas A. Fairhall  
Reg. No. 34,591

**CERTIFICATE OF MAILING**

The undersigned hereby certifies that the foregoing **Supplemental Information Disclosure Statement Pursuant to 37 C.F.R. §§ 1.97-1.98** is being deposited in the United States Postal Service, as first class mail postage prepaid, in an envelope addressed to Commissioner for Patents, Washington, D.C. 20231 on this 26 day of September, 2002.

Thomas A. Fairhall  
Thomas A. Fairhall

FORM PTO-1449

(Rev. 2-32)

U.S. Department of Commerce  
Patent and Trademark Office

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

Atty. Docket No.

01,099

Serial No.

09/834,593

**Applicant:**

Rudger Rubbert et al.

**Filing Date:**

04/13/01

**Group:**

2621

**U.S. PATENT DOCUMENTS**

| Examiner Initial | Document Number | Date | Name | Class | Subclass | Filing Date if Appropriate |
|------------------|-----------------|------|------|-------|----------|----------------------------|
|                  |                 |      |      |       |          |                            |
|                  |                 |      |      |       |          |                            |
|                  |                 |      |      |       |          |                            |

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**FOREIGN PATENT DOCUMENTS**

| Document Number | Date | Country | Class | Subclass | Translation |    |
|-----------------|------|---------|-------|----------|-------------|----|
|                 |      |         |       |          | Yes         | No |
|                 |      |         |       |          |             |    |
|                 |      |         |       |          |             |    |

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc).

|          |  |  |
|----------|--|--|
|          |  | S.M. Yamany and A.A. Farag, "A System for Human Jaw Modeling Using Intra-Oral Images" in <i>Proc. IEEE Eng. Med. Biol. Soc. (EMBS) Conf.</i> , Vol. 20, Hong Kong, Oct. 1998, pp. 563-566.                                   |
|          |  | S.M. Yamany, A.A. Farag, David Tasman, A.G. Farman, "A 3-D Reconstruction System for the Human Jaw Using a Sequence of Optical Images," <i>IEEE Transactions on Medical Imaging</i> , Vol. 19, No. 5, May 2000, pp. 538-547. |
| EXAMINER |  | DATE CONSIDERED  |

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.